

Title (en)  
Patient gait rehabilitation device

Title (de)  
Gangrehabilitationsvorrichtung eines Patienten

Title (fr)  
Dispositif de réadaptation de la démarche d'un patient

Publication  
**EP 1145682 A2 20011017 (EN)**

Application  
**EP 01303360 A 20010410**

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US 54659300 A 20000410

Abstract (en)  
The invention is directed to a gait rehabilitation aid and to a method for aiding gait rehabilitation. The gait rehabilitation aid resides in a treadmill having a belt which speed matches a user's own step cycle based on let length and which provides feedback in the form of an evaluation with respect to the user's length, cadence, gait velocity and gait pattern. A controller that is responsive to a user input device is employed to input information that inputs information pertaining to any one of cadence and leg length sets the belt speed to match an appropriate step cycle. In addition, footprints are scrolled on a display together with foot falls that correspond to actual heel strike events on the treadmill belt. The footprints appear in accordance with the user's own step cycle. <IMAGE>

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**A61B 5/11**

IPC 8 full level  
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CPC (source: EP US)  
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